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PATENT TRADEMARK OFFICE

PATENT

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D. BEIL

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ) Examiner: Z. Smith  
Slocum, et al. )  
Serial No.: 09/650,182 ) Art Unit: 2877  
Filed: August 29, 2000 )  
For: COLORIMETER HAVING FIELD )  
PROGRAMMABLE GATE ARRAY )  
Attorney Docket No.: 24837/04206 )

AMENDMENT

Commissioner for Patents  
BOX RESPONSE  
Washington, D.C. 20231

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DEC 09 2002

Dear Sir:

Technology Center 2600

Responsive to the Office Action of May 22, 2002, Applicant respectfully requests amendment of the present applications as follows:

In the Claims:

Claims 13 and 15-17 are amended.

Please cancel Claims 1, 2 and 14 without prejudice or disclaimer.

Please replace the claims as follows:

13. A process for measuring a color of an object comprising the steps of:  
filtering light from the object with a plurality of filters responsive across overlapping  
wavelength regions at longer wavelengths of the visible spectrum;  
detecting the filtered light and generating a plurality of light signals representative of the  
filtered light detected;  
reading the plurality of light signals in parallel;  
wherein the reading includes accumulating the plurality of light signals for a selected  
time period; and  
generating output signals based on the plurality of light signals read which represent the  
color of the object.

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